	Expense Report				
	Digikey 1				
Vendor Name	Digikey		Vendor Website	Digikev.com	
	701 Brooks Avenue South, Thief River Falls, MN 56701		Vendor Phone	1-800-344-453	9
Vendor Address					
Quantity	Part Number	Description		Price	Extended
	4 NGTB50N120FL2WGOS-ND	IGBT Trench Field St	op 1200V 100A 535	\$9.8	0 \$39.2
	2 296-34888-5-ND	2.5A Gate Driver Cap	•		-
				TOTAL	\$54.2
	Digikey 2				
Vendor Name	Digikey	,	Vendor Website	Digikey.com	
Vendor	701 Brooks Avenue South, Thief River Falls, MN 56701		Vendor Phone	1-800-344-453	9
Address					
Quantity	Part Number	Description	- 0	Price	Extended
	3 MAX15046AAEE+	40V High Performance	ce Synchronous Bud		_
	10 IRL2505PBF-ND	Power MOSFET		\$2.7	-
	1 374-1377-ND	Inductor		\$9.4	
				TOTAL	\$47.5
	Digikov 2				
We also News	Digikey 3		V I . W. I . Y.	District Control	
Vendor Name				<u>Digikey.com</u>	_
			Mandan Dhana		
Vendor Address	701 Brooks Avenue South, Thief River Falls, MN 56701		Vendor Phone	1-800-344-453	9
	701 Brooks Avenue South, Thier River Falls, Min 56/01		Vendor Phone	1-800-344-453	9
	Part Number	Description		Price	Extended
Address	Part Number 5 CSSH2728FT4L00	4m Ohm current sens		Price \$1.2	Extended 5 \$6.2
Address	Part Number 5 CSSH2728FT4L00 5 A759PY337M1JAAE042	4m Ohm current sens	se resistor	Price \$1.2 \$4.5	Extended 5 \$6.2 6 \$22.8
Address	Part Number 5 CSSH2728FT4L00 5 A759PY337M1JAAE042 2 PQ3218-6R0-50-T	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor	se resistor	Price \$1.2 \$4.5 \$9.3	Extended 5 \$6.2 6 \$22.8 1 \$18.6
Address	Part Number 5 CSSH2728FT4L00 5 A759PY337M1JAAE042 2 PQ3218-6R0-50-T 15 CSD18537NKCS	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET	se resistor	Price \$1.2 \$4.5 \$9.3 \$1.3	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1
Address	Part Number 5 CSSH2728FT4L00 5 A759PY337M1JAAE042 2 PQ3218-6R0-50-T 15 CSD18537NKCS 4 6400BG	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6
Address	Part Number 5 CSSH2728FT4L00 5 A759PY337M1JAAE042 2 PQ3218-6R0-50-T 15 CSD18537NKCS 4 6400BG 2 LTC3892EUH#PBF	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7	Extended 5 \$6.2.86 6 \$22.86 1 \$18.66 4 \$20.16 5 \$10.66 6 \$21.55
Address	Part Number 5 CSSH2728FT4L00 5 A759PY337M1JAAE042 2 PQ3218-6R0-50-T 15 CSD18537NKCS 4 6400BG 2 LTC3892EUH#PBF 8 06033C104KAT4A	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1	Extended 5 \$6.23 6 \$22.80 1 \$18.60 4 \$20.10 5 \$10.60 6 \$21.50 7 \$1.30
Address	Part Number 5 CSSH2728FT4L00 5 A759PY337M1JAAE042 2 PQ3218-6R0-50-T 15 CSD18537NKCS 4 6400BG 2 LTC3892EUH#PBF 8 06033C104KAT4A 5 ERJ-14NF4322U	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$1.3
Address	Part Number 5 CSSH2728FT4L00 5 A759PY337M1JAAE042 2 PQ3218-6R0-50-T 15 CSD18537NKCS 4 6400BG 2 LTC3892EUH#PBF 8 06033C104KAT4A 5 ERJ-14NF4322U 5 RR0816P-104-D	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$1.3 1 \$0.5
Address	Part Number 5 CSSH2728FT4L00 5 A759PY337M1JAAE042 2 PQ3218-6R0-50-T 15 CSD18537NKCS 4 6400BG 2 LTC3892EUH#PBF 8 06033C104KAT4A 5 ERJ-14NF4322U	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2 \$0.1 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$1.3 1 \$0.5 0 \$0.5
Address	Part Number 5 CSSH2728FT4L00 5 A759PY337M1JAAE042 2 PQ3218-6R0-50-T 15 CSD18537NKCS 4 6400BG 2 LTC3892EUH#PBF 8 06033C104KAT4A 5 ERJ-14NF4322U 5 RR0816P-104-D 5 RC0603FR-071K74L	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$1.3 1 \$0.5 0 \$0.5 5 \$1.7
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 60.4k Ohm resistor	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2 \$0.1 \$0.1 \$0.3	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$1.3 1 \$0.5 0 \$0.5 5 \$1.7 0 \$0.5
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2 \$0.1 \$0.3 \$0.1 \$0.3 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$11.3 1 \$0.5 0 \$0.5 5 \$1.7 0 \$0.5 8 \$1.0
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 60.4k Ohm resistor	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$1.3 1 \$0.5 0 \$0.5 5 \$1.7 0 \$0.5 8 \$1.0 3 \$16.1
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 60.4k Ohm resistor 150 nF (also 140nF) 9 pin Shank Terminal	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$1.3 1 \$0.5 5 \$1.7 0 \$0.5 8 \$1.0 3 \$16.1 8 \$1.4
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 60.4k Ohm resistor 150 nF (also 140nF) 9 pin Shank Terminal 4.7(3) uF	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2 \$0.1 \$0.3 \$0.1 \$0.3 \$0.1 \$0.2 \$0.1 \$0.2	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$1.3 1 \$0.5 5 \$1.7 0 \$0.5 8 \$1.0 3 \$16.1 8 \$1.4 7 \$0.8
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 60.4k Ohm resistor 150 nF (also 140nF) 9 pin Shank Terminal 4.7(3) uF 390 pF	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2 \$0.1 \$0.3 \$0.1 \$0.1 \$0.2 \$0.1 \$0.1 \$0.1 \$0.1	Extended 5 \$6.2:86 6 \$22.86 1 \$18.66 4 \$20.10 5 \$10.66 6 \$21.56 7 \$1.30 6 \$1.31 1 \$0.55 0 \$0.50 5 \$11.70 0 \$0.50 8 \$1.00 3 \$16.10 8 \$1.40 7 \$0.80
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 60.4k Ohm resistor 150 nF (also 140nF) 9 pin Shank Terminal 4.7(3) uF 390 pF 1 nF 2.2 uF	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2 \$0.1 \$0.3 \$0.1 \$0.1 \$0.2 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$1.3 1 \$0.5 0 \$0.5 5 \$1.7 0 \$0.5 8 \$1.0 3 \$16.1 8 \$1.4 7 \$0.8 6 \$0.9
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 150 nF (also 140nF) 9 pin Shank Terminal 4.7(3) uF 390 pF 1 nF 2.2 uF 150 pF 10 uF	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.3 \$0.1 \$0.3 \$0.1 \$2.2	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$1.3 1 \$0.5 0 \$0.5 5 \$1.7 0 \$0.5 8 \$1.0 3 \$16.1 8 \$1.4 7 \$0.8 6 \$0.9 5 \$1.7 0 \$0.5
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 60.4k Ohm resistor 150 nF (also 140nF) 9 pin Shank Terminal 4.7(3) uF 390 pF 1 nF 2.2 uF 150 pF 10 uF	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$11.3 1 \$0.5 5 \$1.7 0 \$0.5 8 \$1.0 3 \$16.1 8 \$1.4 7 \$0.8 6 \$0.9 5 \$1.7 0 \$0.5
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 150 nF (also 140nF) 9 pin Shank Terminal 4.7(3) uF 390 pF 1 nF 2.2 uF 150 pF 10 uF	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$11.3 1 \$0.5 0 \$0.5 5 \$1.7 0 \$0.5 8 \$1.0 3 \$16.1 8 \$1.4 7 \$0.8 6 \$0.9 5 \$1.7 0 \$0.5
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 60.4k Ohm resistor 150 nF (also 140nF) 9 pin Shank Terminal 4.7(3) uF 390 pF 1 nF 2.2 uF 150 pF 10 uF	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$11.3 1 \$0.5 0 \$0.5 5 \$1.7 0 \$0.5 8 \$1.0 3 \$16.1 8 \$1.4 7 \$0.8 6 \$0.9 5 \$1.7 0 \$0.5
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 60.4k Ohm resistor 150 nF (also 140nF) 9 pin Shank Terminal 4.7(3) uF 390 pF 1 nF 2.2 uF 150 pF 10 uF	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$11.3 1 \$0.5 5 \$1.7 0 \$0.5 8 \$1.0 3 \$16.1 8 \$1.4 7 \$0.8 6 \$0.9 5 \$1.7 0 \$0.5 4 \$6.7 0 \$1.0 0 \$0.5
Address	Part Number 5	4m Ohm current sens 330 uF Capcitor Not digikey: Inductor N-channel MOSFET Heatsink Buck Regulator DC C 0.1 uF Capacitor 43.2k Surface Mount 100k Ohm resistor 1.74k Ohm resistor 13.7k Ohm resistor 60.4k Ohm resistor 150 nF (also 140nF) 9 pin Shank Terminal 4.7(3) uF 390 pF 1 nF 2.2 uF 150 pF 10 uF	se resistor https://www.onlinec	Price \$1.2 \$4.5 \$9.3 \$1.3 \$2.6 \$10.7 \$0.1 \$0.2 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.3 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1 \$0.1	Extended 5 \$6.2 6 \$22.8 1 \$18.6 4 \$20.1 5 \$10.6 6 \$21.5 7 \$1.3 6 \$11.3 1 \$0.5 5 \$1.7 0 \$0.5 8 \$1.0 3 \$16.1 8 \$1.4 7 \$0.8 6 \$0.9 5 \$1.7 0 \$0.5

Address					
Quantity	Part Number	Description		Price	Extended
	5 CSD18537NKCS	N-channel MOSFET		\$1.34	\$6.70
	ERJ-14NF3162U	17 616.11161 111661 21		\$1.51	ψο σ
11		31.6k Surface Mount r	esistor	\$0.22	\$2.20
	ERA-3AEB1692V	16.9k Ohm resistor		\$0.30	\$3.00
	5 C2012X7R1A475K085AC	4.7 uF		\$0.28	\$1.40
	C0805C621J5GAC7800	620 pF		\$0.32	\$3.23
	0 06035A102JAT2A	1 nF		\$0.16	\$1.60
	C1206C225K5RACAUTO	2.2 uF		\$0.35	\$3.50
	0 C0603C241J5GAC7867 3 22205C106K4Z2A	240 pF 10 uF		\$0.27 \$2.24	\$2.70 \$6.72
	RC0603JR-070RL	0 ohm resistor		\$0.10	\$0.72
	5 CC0603JRNPO9BN101	100 pF		\$0.10	\$0.50
+	RC0603JR-072ML	2 Mohm		\$0.22	\$2.20
	AC0603FR-07200KL	200 kohm		\$0.23	\$2.30
11		2.2 ohm		\$0.28	\$2.80
	3 LTC3892EUH#PBF	Buck reg ic		\$10.76	\$32.28
	4 6400BG	Heatsink	1	\$2.65	\$10.60
				TOTAL	\$81.73
	Mouser 1				
Von den Neme			\/\\\\\\		
Vendor Name	Mouser 1000 North Main Street		Vendor Website	mouser.com	
	Mansfield, TX 76063				
Vendor	USA		Vendor Phone	(800) 346-6873	
Address					
Quantity	Part Number	Description		Price	Extended
	3 994-SER2918H-103KL	10 uH Inductor		\$5.96	\$17.88
	2 A759PY337M1JAAE042	330 uF		\$4.56	\$9.12
				TOTAL	\$27.00
	Mouser 2				
Vendor Name	Mouser		Vendor Website	mouser.com	
	1000 North Main Street				
Vendor	Mansfield, TX 76063 USA		Vendor Phone	(800) 346-6873	
Address					
Quantity	Part Number	Description		Price	Extended
	1 994-SER2918H-103KL	10 uH inductor		\$5.96	\$5.96
	5 A759PY337M1JAAE042	330 uF		\$4.56	\$22.80
	3 LTC3892EUH#PBF	Buck reg ic		\$10.78	\$32.34
11	06033C104KAT4A	0.1 uF Capacitor		\$0.17	\$1.70
1	CL10B154KB8VPNC	150 nF (also 140nF)		\$0.18	\$1.80
				TOTAL	\$64.60
	JLC 1				
Vendor Name	JLCPCB		Vendor Website	ilcpcb.com	
Vendor	27th Floor, Olympics Building, Shangbao Road, Futian District, Shenzhen, Guangdong, China			86 755 2391 9769	
vendor Address	, , , , , , , , , , , , , , , , , , , ,	,			
Quantity	Order Number	Description		Price	Extended
	1 Y2-2469621A	2 Layer PCB V1		\$78.74	\$78.74
				TOTAL	\$78.74
	JLC 2				
	V=V =				

Vendor Name	JLCPCB	Vendor Website		jlcpcb.com	
Vendor	27th Floor, Olympics Building, Shangbao Road, Futian District, S	henzhen, Guangdong, China	Vendor Phone	86 755 2391 9769	
Address					
Quantity	Order Number	Description		Price	Extended
	1 Y2-2469621A	4 Layer PCB V1		\$137.06	\$137.
	1 Y2-2469621A	PCB Quality Complain	t	-\$123.53	-\$123.
				TOTAL	\$13.
	JLC 3				
Vendor Name	JLCPCB		Vendor Website	ilcpcb.com	
	27th Floor, Olympics Building, Shangbao Road, Futian District, S	henzhen Guangdong China		86 755 2391 97	 69
Vendor Address					
714411000					
Quantity	Order Number	Description		Price	Extended
	1 Y2-2469621A	2 Layer PCB V2		\$27.74	\$27
		.,		TOTAL	\$27
	Parts List for Final Design				
	Parts List for Final Design				
Quantity	Order Number/Part Number	Description		Price	Extended
	1 Y2-2469621A	2 Layer PCB V2		\$27.74	\$27
	1 LTC3892EUH#PBF	Buck Regulator DC Co	ontroller	\$10.76	\$10
	1 ERA-3AEB1692V	16.9k Ohm resistor		\$0.30	\$0
	1 C2012X7R1A475K085AC	4.7 uF		\$0.28 \$0.32	\$0
	1 C0805C621J5GAC7800		620 pF		\$0
	2 994-SER2918H-103KL	10 uH inductor		\$5.96	\$11
	5 A759PY337M1JAAE042	330 uF		\$4.56	\$22
	5 06033C104KAT4A	0.1 uF Capacitor		\$0.17	\$0
	2 CL10B154KB8VPNC	150 nF (also 140nF)		\$0.18	\$0
	1 C1206C225K5RACAUTO	2.2 uF		\$0.35	\$0
	1 C0603C241J5GAC7867	240 pF		\$0.27 \$2.24	\$0
	1 22205C106K4Z2A		10 uF		\$2
	4 6400BG		Heatsink		\$10
	2 CC0603JRNPO9BN101	·	100 pF		\$0
	4 CSD18537NKCS	N-channel MOSFET		\$1.34	\$5
	ERJ-14NF3162U	31.6k Surface Mount r	esistor	\$0.22	\$0
	4 74651195R	9 pin Shank Terminal	C313101	\$3.23	\$12
	2 CSSH2728FT4L00	4m Ohm current sense	e resistor	\$1.25	
	1 RC0603FR-0760K4L	60.4k Ohm resistor		\$0.10	\$0
	1 RR0816P-104-D	100k Ohm resistor		\$0.11	\$0
	1 RC0603FR-071K74L	1.74k Ohm resistor		\$0.10	\$0
	2 RR0816P-104-D	100 Ohm resistor		\$0.12	
	1 -	Burton 7.5 kVA transfo	ormer	-	-
	7 36DX9302	31000 uF Capacitors	-	-	_
	3 IN4044	Power Diodes		-	-
	1 IN4045	Power Diode		-	-
	-	200 ohm 25W power r	esistor	-	-
	1 TMC50-100-ND	100 ohm 50W power r		-	-
				TOTAL	\$110
					, ,
otal Parts Cost:	Total Parts Cost w/o Provided Parts Orders:	Total PCB Cost:			